



WASHINGTON STATE DEPARTMENT OF  
**Natural Resources**  
Peter Goldmark - Commissioner of Public Lands

## **Application for Use of State-owned Aquatic Lands**

**Applicant Name:** Nooksack Indian Tribe  
**County:** Whatcom County  
**Water Body:** South Fork Nooksack River  
**Type of Authorization - Use:** Right of Entry – Habitat Enhancement  
**Authorization Number:** Pending  
**Term:** Five (5) years  
**Description:** This agreement will allow the use of state-owned aquatic lands for the sole purpose of installing engineered log jams for salmonid habitat enhancement. It is located in the South Fork Nooksack River, in Whatcom County, Washington.  
  
This project is referred to as the Sygitowicz Reach Project.

Date of Public Notice: June 24, 2010



WASHINGTON STATE DEPARTMENT OF  
**Natural Resources**  
Peter Goldmark - Commissioner of Public Lands

**APPLICATION FOR AUTHORIZATION TO USE STATE-OWNED AQUATIC LANDS**

**NO WORK CAN BE STARTED ON THE PROJECT AREA UNTIL A USE AUTHORIZATION HAS BEEN GRANTED BY THE DEPARTMENT OF NATURAL RESOURCES**

**I. SUBMISSION OF APPLICATION**

This application form will be reviewed by the Department of Natural Resources upon receipt at the address given below, and also posted on the DNR website as public information. Applicants will be notified in writing if the application will be accepted for further review. However, this application may be rejected at any time before signed execution of a use authorization.

**APPLICATION MUST BE FILLED OUT IN BLUE OR BLACK PEN**

Please send the completed application form to your region land manager at:

Department of Natural Resources  
**Northwest Region**  
919 N Township St  
Sedro-Woolley, WA 98284-9333

Enclose a \$25.00 non-refundable application processing fee with the application. (This fee is not required for local, state, and other government agencies).

**II. APPLICANT INFORMATION**

Date of Application: June 8, 2010

Authorization to be Issued To (how name is to appear in the lease document): Nooksack Indian Tribe

Applicant's Representative: Victor Inera

Relationship to Applicant: Employee (Watershed Restoration Coordinator)

Address: P.O. Box 157

City: Deming

State: WA

Zip Code: 98244

Telephone: (360) 592-5176

Fax: (360) 592-5753

E-Mail: vinsera@nooksack-nsn.gov

*waived - tribal gov't*

<b>FOR OFFICIAL USE ONLY</b>		Support staff: Application Fee Received	IARPA Received	Date: <u>6/17/10</u>
Land Manager:	New Application: <input checked="" type="checkbox"/> Renewal Application	Land Manager Initials <u>JmC</u>		
Land Manager: Type: (20, 21, 22, <u>23</u> , 31, 51)		NaturE Use Code <u>2124</u>		
Land Records: New Application Number _____		Trust _____	County _____	AQR Plate No. _____

<b>II. APPLICANT INFORMATION cont'</b>		
Department of Revenue Tax *Registration Number (Unified Business Identifier) is Required: 91-1487296		
Which of the following applies to Applicant (Check One and Attach written authority to sign - bylaws, power of attorney, etc):		
Corporation <input type="checkbox"/> State of Registration:	Limited Partnership <input type="checkbox"/> State of Registration:	General Partnership <input type="checkbox"/> State of Registration:
Sole Proprietorship <input type="checkbox"/>	Marital Community Spouse: <input type="checkbox"/>	Government Agency <input type="checkbox"/>
Other <input checked="" type="checkbox"/> (Please Explain:) Tribe		
Has the site use been authorized before or is it currently under lease? Yes <input type="checkbox"/> Lease Number: No <input checked="" type="checkbox"/> Don't Know <input type="checkbox"/>		

<b>III. LOCATION</b>			
The Body of Water on which the state property is located: South Fork Nooksack River	County in which the state property is located: Whatcom		Government Lot:
	Section: 19		Township: 38
	Range: 05		E <input checked="" type="checkbox"/> or W <input type="checkbox"/>
<p><b>Note:</b> A legal property survey including the legal description and other information about the property is <u>required</u> to obtain a use authorization. WA DNR survey requirements are attached to this form. The survey plat will be attached to the lease/easement as Exhibit A. <b>DO NOT HAVE THIS SURVEY CONDUCTED UNTIL YOU HAVE BEEN NOTIFIED IN WRITING THAT THE APPLICATION HAS BEEN ACCEPTED FOR PROCESSING.</b></p>			
<p>Physical description of Project Area (For example, Marsh, Tideflat adjacent to the Chehalis River, etc.): The project area includes the right and left banks of the South Fork Nooksack River between river miles 3.9-4.2 known as the Sygitowicz reach.</p>			
<p>Name of Owner(s) of Uplands, Shorelands, and/or Tidelands shoreward and adjacent to the Property: 1) Nooksack Indian Tribe and 2) Alpine Meadows Christmas Tree Farm</p>			
Address: 1) NIT; P.O. Box 157 2) Ken Stemler; 401 S. British Columbia Ave	City: 1) Deming 2) Lynden	State: 1) WA 2) WA	Zip Code: 1) 98244 2) 98264
Phone Number: 1) 360 592-5176 2) (360) 595-1019	Fax Number 1) 360 592-5753 2) NA	E-mail: 1) <a href="mailto:vinsera@noosack-nsn.gov">vinsera@noosack-nsn.gov</a> 2) NA	

**Note:** Except for property located within established Harbor Areas, proof of ownership, or authorization to use the adjacent tideland, shoreland, or upland property may be required. If the applicant is the owner of the adjacent land, attach a copy of the deed.

County Parcel No(s). for adjacent properties, upland, and/or adjacent tideland properties:  
1) 3805191454450000, 3805191113170000 2) 3805194433130000, 3805193754100000

#### IV. USE OF PROPERTY

Describe, in detail, the proposed use of the Property:

Construct up to 7 Engineered Log Jams (ELJ) to create deep pools with cover and temperature refugia for holding migrating salmonids while improving riparian conditions through placement of ELJ's and planting native riparian vegetation. The project is designed to address the factors most limiting South Fork (SF) Nooksack early chinook in the lower South Fork. Abundance and productivity of SF Nooksack early chinook are critically low and immediate action is necessary to ensure persistence of the population. A recent draft analysis by the Puget Sound Technical Recovery Team (TRT) determined that the SF early chinook population has the highest near-term extinction risk of all 22 Puget Sound chinook populations. The proposed approach was considered to be the most cost-effective because such engineered logjams have the greatest magnitude, certainty, immediacy, and lifespan of benefit of the available techniques, while providing the appropriate assurances to adjacent landowners.

Is or will the Property be subleased to another party? Yes ☐ No ☒  
If yes, submit a copy of the sublease agreement.

What are the current and past uses of the site?

The site has undergone a history of cultivation and varying degrees of forest clearing as seen in aerial photos starting in 1933. There has also been considerable channel migration at the project reach. In 1980 riprap is evident on the west bank while the east bank remains fairly undisturbed for approximately 200 meters. Currently, the west side of the project is under contract with Natural Resource Conservation Service (NRCS) with both Conservation Reserve Enhancement Program (CREP) and Environmental Quality Incentives Program (EQIP) projects with the intention of remaining in conservation for perpetuity. The East side of the project is owned in part by Alpine Meadows Tree Farm and is managed for the production of Christmas trees, the remaining portion is owned by the Nooksack Indian Tribe.

Do you have any knowledge of contamination of the site by toxic or hazardous substances, or of past uses or practices that might have lead to contamination by such substances? Yes ☐ No ☒  
If so, please explain:

Do you know if any fill material has been placed on the property in question? Yes ☐ No ☒  
If yes, please explain:

#### V. IMPROVEMENTS

Physical improvements are structures placed on the land that cannot be removed without damage to the land. Examples of such structures include: pilings, dolphins, piers, wharves, piling-supported buildings, structures built on fill or concrete


5. Section 401 Water Quality Certification (Required by the Department of Ecology if a Section 404 permit is required.)

**NPDES (National Pollutant Discharge Elimination System Permit)** - Required by the Department of Ecology under delegated authority from the Federal Environmental Protection Agency for projects that include the discharge of fluid on or into surface water.

**SEPA (State Environmental Policy Act) Checklist and Environmental Assessments** - When you submit a permit application to any agency, if the project is not exempt, the lead agency will ask you to fill out an environmental checklist. Based on checklist answers and the reviewers knowledge of the project site, agency personnel will determine the types of impacts the project may have on the environment. The agency assessments may be the following forms: Determination of Nonsignificance, Determination of Significance, scoping documents, draft or final Environmental Impact Statements (EIS) or others prepared for the purpose of compliance.

Describe any habitat mitigation required by any of the permitting agencies identified above and identify where such mitigation is proposed to occur:

All answers and statements are true and correct to the best of my knowledge.

Applicant Name (please print): Victor Inera	Title: Watershed Restoration Coordinator
Applicant or Authorized Signature: 	Date: 6/14/10

**STATE OF WASHINGTON DEPARTMENT OF NATURAL RESOURCES  
REQUIREMENTS FOR RECORDS OF SURVEY FOR LEASES AND  
EASEMENTS**

Records of Survey are required for easements and leases granted by the department for:

- County roads
- Highways
- Easements across high value lands
- Easements across transition lands
- Utilities
- Upland leases
- Communication sites
- Drainage or irrigation easements
- Railroads
- Aquatic land uses: exemptions are provided for recreational docks and mooring buoys per RCW 79.105.430 and for those permits issued as a Right of Entry
- Other grants as determined by the department based upon site specific considerations

The applicant is responsible for:

- All costs and work associated with creating, submitting, revising and recording the Record of Survey

foundations, buried pipelines and cables; and support structures for bridges.

What physical improvements currently exist on the site? (Photos may be required.) None

If there are physical improvements currently on the site, who owns them? NA

If there are physical improvements currently on the site, describe their condition: NA

Which, if any, of the existing physical improvements will be removed, remodeled, or reconstructed? NA

Describe any physical improvements that the applicant is proposing to construct on the site:

Approximately 80 piles 40-45' long, 14" diameter butt, and rough peeled will be driven into the banks and river to construct the ELJ structures. After piles have been installed, the structures will be built with large logs with attached root wads, woody slash to act as racking material, and salvaged rip-rap that will be used on some structures that require additional ballast. After the structures are built each will be revegetated with native conifers at 6 foot spacing and staked with willow and cottonwoods at 2 foot spacing. Existing soil will be salvaged to provide improved planting medium.

Has any fill material been placed on the site? Yes ☐ No ☒

If Yes, please describe:

**VI. LOCAL, STATE, AND FEDERAL REGULATORY PERMITS** Copies of all Government Regulatory Permits, or Permit Waivers Are Required Before Issuance of a DNR Use Authorization. Your project may require all or some of the following.

Please include the following permit applications, permits, or waivers with the application:

**JARPA (Joint Aquatic Resource Permit Application)** - This one form is used to apply for all of the following individual permits:

1. **Section 10 Permit** (Required by the US Army Corps of Engineers for any work in or affecting navigable waters, e.g., floats, docks, piers, dredging, pilings, bridges, overhead power lines.)
2. **Shoreline Substantial Development, Conditional Use, Variance Permit or Exemption** (Issued by Local Government, and is required for work or activity in the 100 year flood plain, or within 200 feet of the Ordinary High Water mark of certain waters; and which included any one of the following: dumping, drilling, dredging, filling, placement or alteration of structures or any activity which substantially interferes with normal public use of the waters.)
3. **Hydraulic Project Approval** (Required by the Department of Fish and Wildlife if the project includes work that will use, divert, obstruct, or change the natural flow or bed of any fresh or salt water of the state.)
4. **Section 404 Permit** (Required by the US Army Corps of Engineers if your project will discharge or excavate any dredged or fill material waterward of the Ordinary High Water mark or the Mean Higher High Tide Line in tidal areas.)

- Submitting a preliminary Record of Survey for review and approval by the department prior to approval of the agreement.
- Recording the final Record of Survey with the county auditor's office.
- Submitting a digital copy in AutoCAD.DWG or DXF (drawing exchange format) of the final survey.
- Submitting two full size copies and one 8 1/2 X 11" copy and of the recorded survey including the auditor's recording information to the department.

#### **A Record of Survey must:**

1. Be produced by a licensed surveyor.
2. Meet the requirements of Title 58 RCW and Chapter 332-130 WAC.
3. Include the name of the applicant, the purpose of the easement or lease and the DNR easement or lease number.
4. Clearly show easement or lease boundaries with distances and directions of all boundary lines.
5. Show the easement or lease area to an accuracy of ( $\pm$ ) 0.5% of the total area or ( $\pm$ ) 10 square feet, whichever is greater.
6. (Not required for aquatic lands lease across the bed of Puget Sound or the Pacific Ocean) Indicate the acreage encompassed by the lease or easement within each quarter-quarter section or government lot.
7. Show distances and directions from two or more controlling corners of a recorded subdivision, recorded survey or government survey (GLO) corners.
8. Be related by meridian and coordinate to the Washington Coordinate System NAD'83(1991) by closed ties to NGS Control monuments, or the extension thereof. The designation of the control stations used shall appear on the plat.
9. Include a narrative legal description describing the servient estate (grantor's parcel) on the Record of Survey.
10. Show a detailed plan of improvements to be constructed or already existing on the easement or lease area. All improvements must be shown in sufficient detail to determine what they are used for and to ensure they are entirely within the easement area.
11. Show the location of any proposed utility.
12. (linear lease or easement) Show the lineal footage along the centerline.
13. (linear lease or easement) Show the complete alignment information and width including any necessary curve data.

#### **A Record of Survey must (cont.):**

14. (Easements or leases crossing a section line or state ownership boundary, not required for aquatic lands lease across the bed of Puget Sound or the Pacific Ocean) Provide ties to the centerline of an easement along the section or subdivision line from the nearest appropriate Public Land Survey System (PLSS) section corner, quarter section or subdivision corner, where the easement enters and leaves the section or state ownership.
15. (Easements or leases falling entirely within one section and not crossing a section line or state ownership boundary) Provide ties from both end points of the linear easement to PLSS corners or other subdivision corners shall be provided.
16. (A lease which encroaches on a previously leased site) Show the boundary for the senior lease in the vicinity of the proposed lease shall also be shown, together with ties between the two leases sufficient to determine the full extent of the encroachments.

#### **Additional Requirements for Communication Site Leases**

17. Show ties to the corners of previously monumented communication sites adjacent to, or in the immediate vicinity of the proposed communication site.
18. Show access to the site.
19. Mark the corners of the communication site, as described and granted, with substantial permanent magnetically

locatable monuments. The monuments shall be in place and obviously marked on the ground after the construction of installations and improvements.

20. Show the center of any communication site tower by Washington Plane Coordinates, NAD83 (1991), or latitude and longitude. NAD83 datum must be used to determine global location coordinates and must be in decimal degrees. Coordinates must have at least five decimal places to the right of the decimal point and include a negative longitude.
21. On all communication sites where towers or beam paths are shown, an elevation is required at the base of the tower.
22. Show the tower height, and the height of the antenna or microwave dish and any beam path used shall have the diameter and tilt thereof shown.
23. The elevation shall be derived from an established benchmark in the vicinity of the site, or an elevation designated by the Department of Natural Resources.

#### **Additional Requirements for Aquatic Land Uses**

24. The lease of aquatic lands is often subject to preference rights. Applicants and surveyors should carefully determine the direction, and show details of the proration of coves and irregular shoreline.
25. (lease sites which contain existing or proposed structures and improvements that are classified as a non water-dependent or a water oriented use as described within RCW 79.105.060 and WAC 332-30-106) Provide the square footage of each structure and improvement.
26. Where applicable, the survey of aquatic lands must show the location of the following lines for:
  - a. Tidal areas—Government meander line, the original and current locations of line of mean high tide, line of mean low tide, and line of extreme low tide. The survey must include the name of tidal bench mark(s) used or describe the alternate method employed for determining a Tidal Datum. **Lease areas which contain tidelands and bedlands at a minimum must show the location of the line of extreme low tide crossing the lease area. Lease areas containing bedlands exclusively may be required to show the relationship to the line of extreme low tide and the -18 foot contour line only.**

### **Additional Requirements for Aquatic Land Uses (cont.):**

- b. Lakes – Government meander line, line of ordinary high water (original ordinary high water if the lake has experienced artificial raising or lowering of the water level), and line of ordinary low water (include source of data) and line of navigability if established.
- c. Rivers - Line of ordinary high water and line of ordinary low water (include source of data) and line of navigability if established.
- d. Lots and blocks of platted tide lands or shore lands, inner and outer harbor lines, waterway lines, street boundaries, any local construction limit lines, any dredge or fill areas, and easements of record within the lease site.
- e. All lines must be shown in sufficient detail to compute and show the area of each area of State-owned bedlands, tidelands, shore lands, harbor area, or waterways included within the proposed lease site.

**Include any other data necessary for the complete understanding of the information shown on the survey. If, in the opinion of the department, such information is lacking, the survey may be rejected.**

### **Record of Survey Revisions:**

- 27. Any differences between the as-built road and the regulation plat must be reflected in a revised Record of Survey and recorded with the county by the applicant.
- 28. When any portion of the completed improvements are located outside of the granted lease site, the as-built locations must be reflected in a revised Record of Survey and legal description. In this instance, a new application for an amended lease site may be required if the as-built location creates adverse impacts. In the case of linear leases across the bed lands of the sound or the ocean, an as-built Record of Survey and a revised legal description of the linear lease must be provided.

### **Survey Information updated July 2002.**

**For additional information contact one of the following region offices:**

#### **Southeast Region**

713 Bowers Rd  
Ellensburg, WA 98926-9341  
509-925-8510  
TTY: 509-925-8527

#### **Northeast Region**

P.O. Box 190  
225 S Silke Rd  
Colville, WA 99114-0190  
360-684-7474  
TTY: 509-684-7474

#### **Olympic Region**

411 Tillicum Ln  
Forks, WA 98331-9797  
360-374-2800  
TTY: 360-374-2819

#### **Pacific Cascade Region**

P.O. Box 280  
601 Bond Rd  
Castle Rock, WA 98611-0280  
360-577-2025  
TTY: 360-577-2025

#### **Northwest Region**

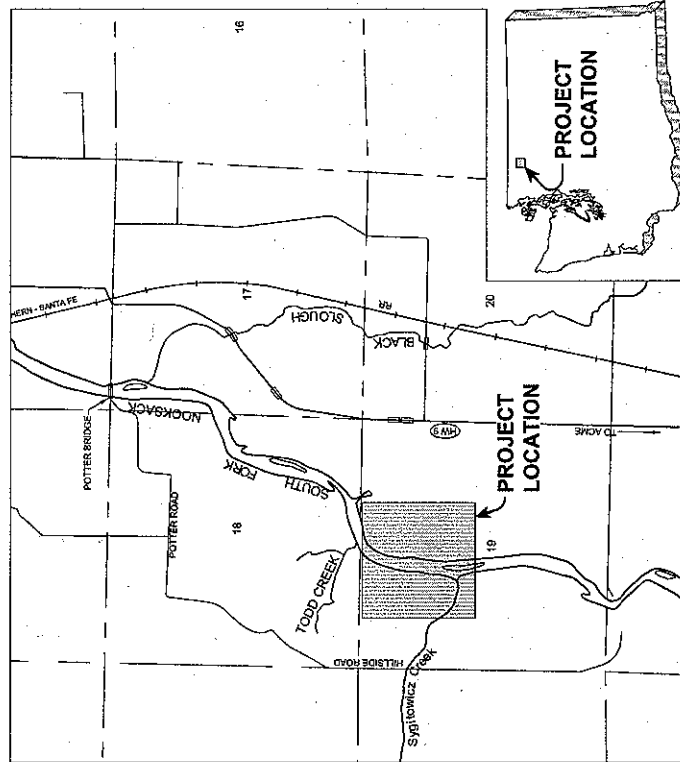
919 N Township St  
Sedro-Woolley, WA 98284-9333  
360-856-3500  
TTY: 360-856-1371

#### **South Puget Sound Region**

950 Farman Ave N  
Enumclaw, WA 98022-9282  
360-825-1631  
TTY: 360-825-6381

# SYGITOWICZ CREEK SOUTH FORK NOOKSACK RIVER RESTORATION PROJECT RIVER MILE 4.0

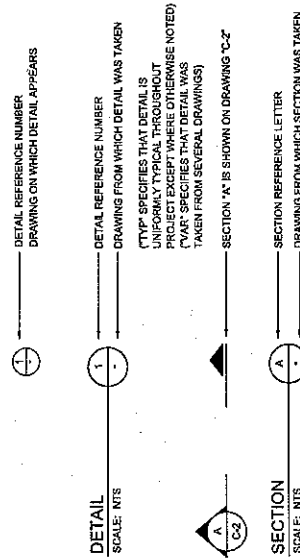
ACME, WASHINGTON



VICINITY MAP  
N

SHEET NO.	DRAWING NO.	SHEET DESCRIPTION
1	G-1	COVER SHEET
2	G-2	EXISTING CONDITIONS
3	G-3	SITE PLAN AND PROPOSED WORK
4	G-4	PHASE 1 SITE PLAN
5	G-5	GENERAL NOTES
6	C-1	ELJ TYPE 1 PLAN AND SECTIONS
7	C-2	ELJ TYPE 1 LAYERING PLAN
8	C-3	ELJ TYPE 2 PLAN AND SECTIONS
9	C-4	ELJ TYPE 2 LAYERING PLAN
10	C-5	ELJ TYPE 3 PLAN AND SECTIONS
11	C-6	ELJ TYPE 3 LAYERING PLAN
12	EC-1	TESC PLAN
13	EC-2	TESC DETAILS

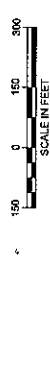
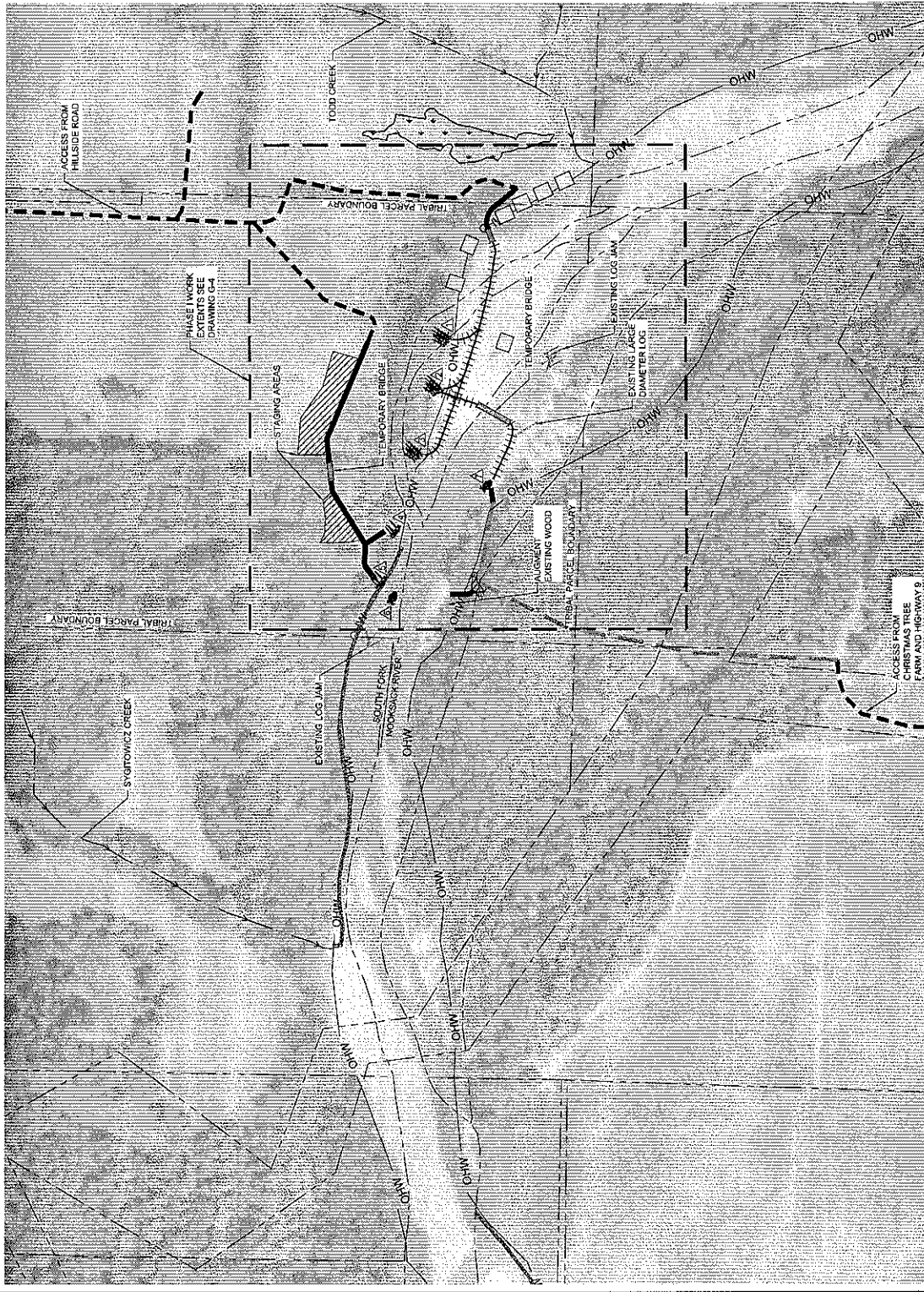
SHEET INDEX



DETAIL AND SECTION REFERENCING

PERMIT SET - NOT FOR CONSTRUCTION

<p><b>HERRERA</b> CONSULTANTS</p> <p>2200 Sixth Avenue Suite 1100 Seattle, Washington 98121-1620 206-441-8108 FAX http://www.herreraconsultants.com</p>		<p><b>DRAFT</b></p>	<p>DATE: MAY 2010</p> <p>PROJECT NO: 10-0459-000</p> <p>DRAWING NO: G-1</p> <p>SHEET NO: 1 OF 13</p>
<p>SYGITOWICZ CREEK SOUTH FORK NOOKSACK RIVER RESTORATION PROJECT RIVER MILE 4.0 COVER SHEET</p>			
<p>DESIGNED BY: G. KAYS</p> <p>DRAWN BY: H. MICHEL</p> <p>CHECKED BY: A. BULFONE</p> <p>APPROVED BY: M. SPILANE</p>	<p>DATE: MAY 2010</p> <p>PROJECT NO: 10-0459-000</p> <p>DRAWING NO: G-1</p> <p>SHEET NO: 1 OF 13</p>		



**LEGEND:**

- OHW
- CREEK
- - - EXISTING ACCESS ROAD
- WETLAND
- EXISTING PRIMITIVE ACCESS ROAD
- EXISTING ACCESS ROAD
- PARCEL BOUNDARY
- EXISTING RIPRAP ARMORING
- PROJECT LIMITS
- TEMPORARY COBBLE BAR ACCESS
- FLOOD PLAIN ROUGHENING LOSS
- EXISTING ENGINEERED LOG JAM
- TYPE 1 ELJ
- TYPE 2 ELJ
- TYPE 3 ELJ
- ENGINEERED LOG JAM NUMBER
- STAGING AREAS

**NOTES:**

1. AERIAL PHOTO TAKEN IN 2008 (USDA). CURRENT CONDITIONS SHOULD BE VERIFIED
2. WETLANDS, EXISTING RIPRAP, OHWM DELINEATED BY NOOKSACK TREE
3. PARCEL BOUNDARIES PROVIDED BY NOOKSACK TREE.

AS FULL SIZE, IF NOT ONE  
ONE INCH  
ONE INCH  
ONE INCH

DATE:	MAY 2010
PROJECT NO:	10-04859-000
DRAWING NO:	G-3
SHEET NO:	3 OF 13

**SYGITOWICZ CREEK  
SOUTH FORK NOOKSACK RIVER  
RESTORATION PROJECT  
RIVER MILE 4.0  
SITE PLAN AND PROPOSED WORK**

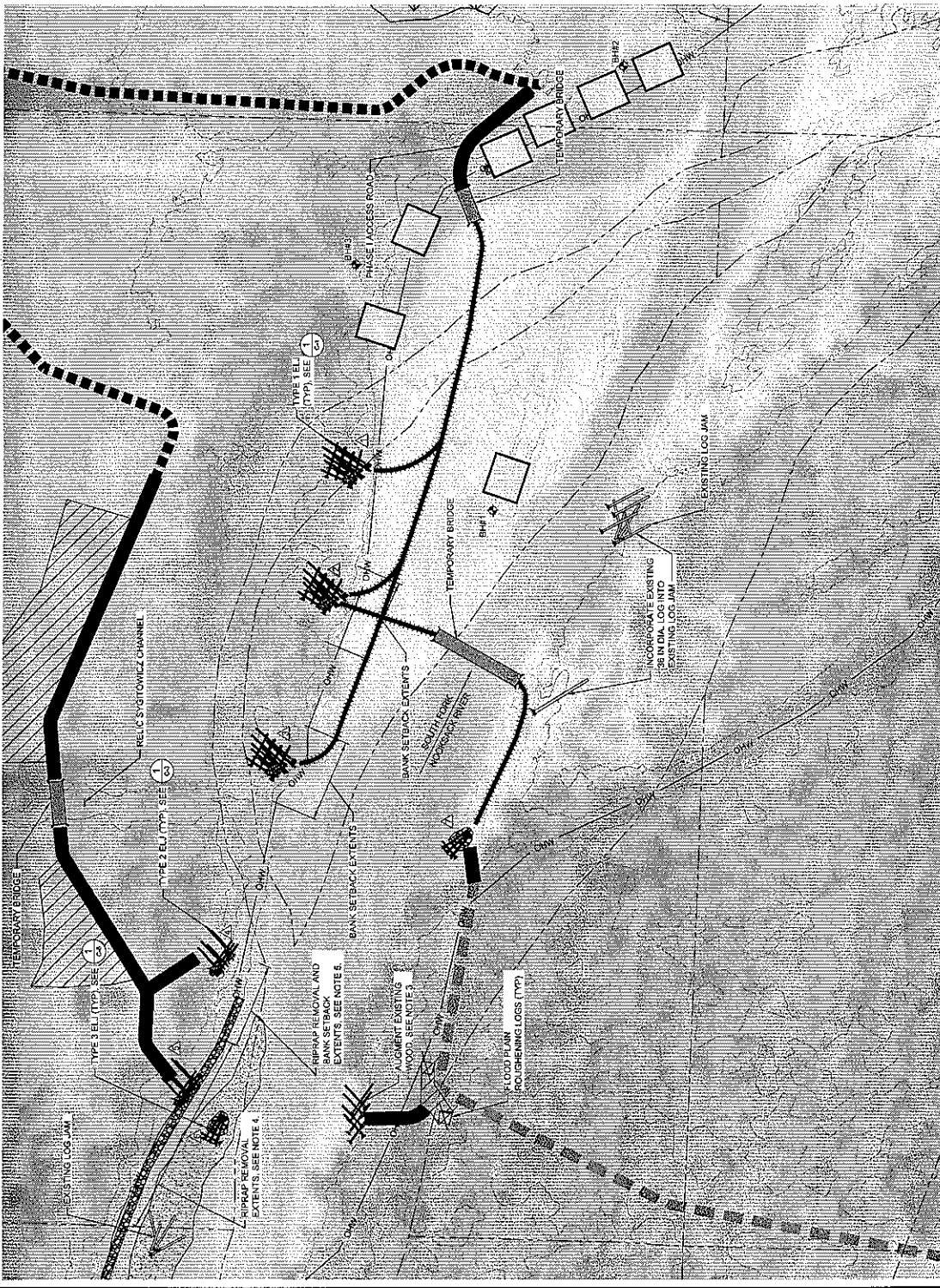
DESIGNED BY:	G. KAT'S	DESIGNED BY:	T. PRESCOTT
CHECKED BY:	K. MICHEL	CHECKED BY:	SWAN
SCALE:	AS NOTED	SCALE:	AS NOTED
DATE:		DATE:	



**HERRERA**  
ENGINEERING & CONSULTANTS  
2200 Sixth Avenue  
Suite 1100  
Seattle, Washington  
98127-1620  
206-441-9000  
206-441-9008 FAX  
http://www.herreraec.com

NO.	REVISION	BY	DATE

**PERMIT SET - NOT FOR CONSTRUCTION**



**LEGEND:**

- ORDINARY HIGH WATER MARK (OHWM)
- CREEK
- EXISTING ACCESS ROAD
- EXISTING CONTOURS (1 FT)
- WETLAND
- EXISTING COBBLE BAR
- EXISTING PRIMITIVE ACCESS ROAD
- TEMPORARY ACCESS ROAD
- PARCEL BOUNDARY
- EXISTING RIPRAP ARMORING
- TEMPORARY COBBLE BAR ACCESS
- FLOOD PLAN ROUGHENING LOGS
- EXISTING ENGINEERED LOG JAM
- TYPE 1 ELJ
- TYPE 2 ELJ
- TYPE 3 ELJ
- ENGINEERED LOG JAM NUMBER
- BONE HOLE
- STAGING AREAS

**NOTES:**

- ELJ TYPE 3 DESIGNED TO INCORPORATE SALVAGED RIPRAP FROM RIPRAP REMOVAL.
- TOPOGRAPHIC SURVEY FROM 2008 LIDAR (HORIZONTAL STATE PLANE NORTH NAD83/91 VERTICAL NAVD 88).
- ALIGNMENT EXISTING BURIED WOOD ON THE RIGHT BANK WITH 8 14" DIA LONG PILES AND 8 LOGS.
- SELECTIVELY REMOVE AND SALVAGE RIPRAP UP TO PROPERTY CORNER AS PRACTICABLE WITHOUT DAMAGE TO EXISTING MAJOR VEGETATION.
- COMPLETELY REMOVE RIPRAP FROM BANK SETBACK EXTENTS FOR SALVAGE.

**PERMIT SET - NOT FOR CONSTRUCTION**

		2200 Sixth Avenue Suite 1100 Seattle, Washington 98121-1620 Tel: 206-441-3100 Fax: 206-441-3106 <a href="http://www.herrera.com">http://www.herrera.com</a>				DATE: MAY 2010 PROJECT: 10455-003 DRAWING NO: G-4 SHEET NO: 4 OF 13	
DESIGNED BY	T. PRESCOTT	DESIGNED BY	T. PRESCOTT	DESIGNED BY	T. PRESCOTT	DESIGNED BY	T. PRESCOTT
CHECKED BY	G. KAYS	CHECKED BY	G. KAYS	CHECKED BY	G. KAYS	CHECKED BY	G. KAYS
APPROVED BY	M. MICHEL	APPROVED BY	M. MICHEL	APPROVED BY	M. MICHEL	APPROVED BY	M. MICHEL
DATE	5/10/10	DATE	5/10/10	DATE	5/10/10	DATE	5/10/10
BY	AS NOTED	BY	AS NOTED	BY	AS NOTED	BY	AS NOTED
DATE	5/10/10	DATE	5/10/10	DATE	5/10/10	DATE	5/10/10
REVISION		REVISION		REVISION		REVISION	